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12/8/98

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT

I. HEADING

Date: December 8, 1998

Subject: Addison Street Trailer
Franklin Park, Cook County, Illinois

EPA Region 5 Records Ctr.



272606

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POLREP # 1 AND FINAL

II. BACKGROUND

Site No: B594 Delivery Order No: 0019
CERCLIS No: Not assigned ERNS No: 464307
Response Authority: CERCLA NPL Status: Non-NPL
State Notification: IEPA Start Date: November 20, 1998
Demobilization Date: December 4, 1998 Completion Date: December 4, 1998
Status of Action Memorandum: Preparation in progress

III. SITE DESCRIPTION

A. Incident Category: CERCLA

B. Site Location: 11333 Addison Street
Franklin Park, Cook County, Illinois

1. Site description: The Addison Street Trailer site is an abandoned trailer bed located on the south side of the street in front of 11333 Addison Street. Geographical coordinates for the site are 41°56'56"N and 87°54'51"W. The site is an active commercial and industrial area. The trailer bed was found abandoned with a broken

axle and containing bagged and drummed compounds marked flammable. Temperatures ranged from the 30s to mid 60s°F during the removal activities. Light precipitation occurred on November 20, 1998.

2. **Description of threat:** Hazardous waste stored within the trailer posed a threat to human health of the active workers in the area. The trailer contained one hundred and four (104) 5-gallon pails of a flammable substance and 32 bottles of methyl ethyl ketone (MEK) peroxide which are flammable. In addition, there were thirty-four 55-gallon drums. One 55-gallon drum appeared to be leaking and a number of the 5-gallon pails were damaged therefore providing a threat of exposure to nearby human populations and animals.

IV. RESPONSE INFORMATION

A. Situation

1. **Current situation:** Waste is currently being stored in the original containers inside a locked box truck while awaiting disposal.
2. **Removal activities to date:** On November 17, 1998 an emergency response was initiated to address the suspected hazardous chemicals contained within an abandoned trailer located on Addison Street. The Franklin Park Fire Department (FPFD) identified the site. The unmarked trailer was found unlocked. FPFD notified Illinois Environmental Protection Agency (IEPA). IEPA did not have funds to perform the cleanup and therefore requested the aid of the United States Environmental Protection Agency (U.S. EPA). FPFD removed non-hazardous debris which included floor tile and metal racks. Initial assessment of the site by U.S. EPA Superfund Technical Assessment and Response Team (START) determined 52 black 5-gallon pails, 52 grey 5-gallon pails, thirty-four (34) 55-gallon drums, 48 paper bags of a granular material, and thirty-two (32) 500-milliliter (ml) plastic bottles, one bottle was observed to be empty, packaged in cardboard boxes. A number of the 5-gallon drums were damaged. The 5-gallon grey pails were labeled "Fiber-Trench, Inc., flash point between 73 to 103°F, resin solution, warning: flammable liquid + vapor, contains styrene monomer, resin solution UN1866". The black pails were labeled "Fibrebond Compound contains styrene, resin solution UN1866, corrosion putty 4875". The plastic 500-ml bottles were labeled "methyl ethyl ketone peroxide in solution with 9% by weight active oxygen, UN2550". The plastic bottles were separated into two lots for shipment. The shipment label of the MEK peroxide was to "Sheffield Tank, 7665 Lawndale, Summit, IL 60501", and the second was to "Wendorf Construction, 1822 Business Route 30, Oswego, IL 60543, Ph. (630) 554-2922". The bags were labeled "UCAR, Phenolic Resin, Union Carbide Corporation, UCAR Coatings Resins, 39 Old Ridgebury Road, Danbury, Connecticut 06817-001".

The trailer was a confined space and therefore prior to entering, a confined space permit was obtained. Confined space work was conducted in compliance with the permit.

Of the thirty-four (34) 55-gallon drums, one drum was a polydrum and one drum was a fiber closed top. The remaining drums were steel, open-top drums. The closed-top

drum was sampled and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and flash point. Analytical results for VOCs and SVOCs were below detectable limits, and the sample did not flash below 200°F. No labels were attached to the 55-gallon drums, but drums were marked, "Protect from freezing". In addition, one of the bottles of MEK peroxide was used as a sample and analyzed for flash point. A flash point of 120°F was determined. All containers remained in the locked trailer for future hazard waste categorization.

On November 19, 1998, \$50,000 was verbally authorized for Emergency and Rapid and Response Services (ERRS) to assist with site activities. On November 20, 1998, U.S. EPA, IEPA, FPDF, START, and ERRS arrived on site in order to relocate the contents of the trailer to a more secure location in order to conduct hazardous waste categorization. All drums, pails, bottles, and bags were unloaded from the abandoned trailer bed and loaded into a secure, visqueen-lined box truck. During transfer, a number of 55-gallon drums spilled small amounts of their liquid contents. Tightening or refitting the drum lids ceased spilling, except for one drum which was consequently overpacked. Spilled liquids were promptly collected with absorbent mats. A sample for waste characterization was collected from the drum prior to overpacking. A few of the large bags labeled "Phenolic Resin" were torn during transfer or had existing holes and were contained within plastic bags. Once all containers were placed in the box truck, they were transported to a more secure location. The box truck contained more than 1,000 pounds of flammable liquid based on the labeled bottles of MEK peroxide and styrene-containing Fibretrench pails; therefore, the truck was marked with non-specific flammable liquid placards in accordance with Department of Transportation regulations. The truck was locked in the city-owned, fenced-in, municipal salt lot located at Franklin and Edgington Streets. IEPA Criminal Division collected three bottles of MEK peroxide for their investigation, of the original 32 bottles of MEK peroxide, 27 bottles were left for disposal.

On November 23, 1998, the 5-gallon pails were removed from trailer and placed on a sheet of visqueen covering the ground. Two of the black pails were opened and sampled. Photoionization detector (PID) readings indicated 92 parts per million (ppm). The black pails contained a wax-like, pink solid. The grey pails contained a black liquid. Samples were collected from all 55-gallon drums. PID readings detected 84 ppm from one drum. All of the other drums did not indicate VOCs by the PID. Hazard waste categorization of drum samples revealed similar material in all drums. In all drums the pH was found to be 9 standard units (SU), except one drum which had a pH of 4 SU. All samples tested negative for flammability. In addition to categorizing samples, one sample was collected for disposal parameters and four samples were collected for disposal approval. All containers were returned to the box truck to await disposal.

On November 24, 1998, the original trailer located on Addison Street was swept clean. Pallets, metal pieces, and other large debris were stored at the back of the trailer.

On December 4, 1998, 27 bottles of MEK peroxide were shipped to Trade Waste Incineration, Sauget, Illinois for incineration. The 52 black 5-gallon pails of Fibrebond Compound, 52 grey 5-gallon pails of resin solution, 48 bags of UCAR Phenolic Resin, 34 55-gallon drums of latex like solids, and four 55-gallon drums of PPE were shipped

to Environmental Services of America-IN, South Bend, Indiana for incineration. The rental truck was demobilized.

3. **Enforcement:** To be determined.

B. **Planned Removal Actions** None.

C. **Next Steps** None.

V. COSTS

U.S. EPA	\$TBD
ERRS	\$15,697
START	\$4,750

<u>TOTAL SITE COST</u>	\$20,447
<u>Project Ceiling</u>	\$50,000
<u>Project Funds Remaining (percentage)</u>	69%

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor. Other financial data, which the OSC must rely upon, may not be entirely up to date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI. DISPOSITION OF WASTES

<u>Wastestream</u>	<u>Medium</u>	<u>Quantity</u>	<u>Containment</u>	<u>Treatment</u>	<u>Disposal</u>
Phenolic Resin	Solid (pink)	48	Bags	Incineration	Environmental Services of America-IN, South Bend, IN
Styrene Resin	Solid (pink)	52	5-gallon pails (black)	Incineration	Environmental Services of America-IN, South Bend, IN
Styrene Resin	Liquid (black)	52	5-gallon pails (gray)	Incineration	Environmental Services of America-IN, South Bend, IN
Methyl ethyl ketone peroxide	Liquid	27	Bottles to be lab packed	Incineration	Trade Waste Incineration, Sauget, Illinois
Latex-like Solid	Solid/Liquid	34	Drums	Incineration	Environmental Services of America-IN, South Bend, IN
PPE	Solid	4	Drums	Incineration	Environmental Services of America-IN, South Bend, IN

VII Other Information

An exemption was received from IEPA to relocate the contents of the abandoned trailer to the Franklin Park salt yard located at Franklin and Edgington Streets.

CHGO IL E & E

TOTAL PAGES

TOTAL TIME

SEND : 0055
RECEIVE : 0000

SEND : 00°20'50"
RECEIVE : 00°00'00"

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01	12/09	11:12	3124940196	EC--S	00'26"	001		OK
02	12/09	11:22	312-65-ACFAX	EC--S	01'10"	003		OK
03	12/09	11:24	7349460488	EC--S	00'43"	001		OK
04	12/09	11:34	314 434 0080	EC--S	00'23"	001		OK
05	12/09	12:45	847 671 6207	EC--S	00'33"	002		OK
06	12/09	14:09	708 755 1934	EC--S	04'49"	013		OK
07	12/09	14:15	17166840844--	----S	00'00"	000		STOP
08	12/09	14:23	7166850852	UF--S	00'38"	003		OK
09	12/09	14:44	9 1 248 344 2655	EC--S	00'50"	003		OK
10	12/09	14:49	616 940 4470	EC--S	01'41"	004		OK
11	12/09	14:56	716 684 0844	UF--S	00'14"	001		OK
12	12/09	14:57	314 434 0080	EC--S	00'58"	003		OK
13	12/09	15:14	440 243 6923	UF--SR	00'27"	002/000		INC
14	12/09	15:36	312 455 0812	G3--S	01'02"	001		OK
15	12/09	15:42	7349460488	EC--S	02'02"	004		OK
16	12/09	15:49	716 684 0844	UF--S	00'14"	001		OK
17	12/09	18:44	3128864071	EC--S	01'35"	003		OK
18	12/09	18:47	3136927677	EC--S	01'10"	003		OK
19	12/10	07:37	3539176	EC--S	01'55"	006		OK

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TOTAL PAGES

TOTAL TIME

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02	12/08	15:57	216 663 0656	EC--S	01'04"	003		OK
03	12/08	16:00	1219273569900749	EC--S	01'06"	003		OK
04	12/08	16:29	317 756 9722	EC--S	01'07"	004		OK
05	12/08	16:31	7036039133	EC--S	01'08"	004		OK
06	12/08	16:40	8860747	EC--S	00'13"	000		INC
07	12/08	16:43	17347611034	EC--S	01'56"	004		OK
08	12/08	19:23	3128864071	EC--S	01'33"	003		OK
09	12/08	19:25	3136927677	EC--S	01'08"	003		OK
10	12/09	07:47	17083387897	G3--S	03'49"	006		OK
11.	12/09	07:53	708 338 7930	EC--S	01'47"	006		OK
12	12/09	07:57	18476716529	EC--S	02'22"	006		OK
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TOTAL PAGES

TOTAL TIME

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 RECEIVE : 00°00'00"

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03	12/07	19:30	3128864071	EC--S	01'34"	003		OK
04	12/07	19:33	3136927677	EC--S	01'08"	003		OK
05	12/08	08:21	7166850852	UF--S	00'25"	001		OK
06	12/08	09:13	18127394814	G3--S	00'11"	000		STOP
07	12/08	09:15	18124246409	G3--S	00'44"	001		OK
08	12/08	09:33	440 243 6923	UF--S	01'15"	006		OK
09	12/08	09:40	440 243 6923	UF--S	07'06"	033		OK
10	12/08	09:53	7349460488	EC--S	02'37"	006		OK
11	12/08	10:10	3539176	EC--S	01'44"	005		OK
12	12/08	10:57	3539176	EC--S	00'13"	001		STOP
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18	12/08	11:27	9 1 248 344 2655	EC--S	01'06"	004		OK
19	12/08	11:39	1414571025600017	G3--S	04'24"	008		OK
20	12/08	11:47	7166850852	UF--S	00'37"	003		OK
21	12/08	11:52	9 1 248 344 2655	EC--S	01'07"	004		OK
22	12/08	11:55	708 544 858721	EC--S	01'25"	004		OK
23	12/08	11:58	1219273569900861	EC--S	01'24"	004		OK
24	12/08	12:55	312 455 0812	G3--S	02'03"	003		OK
25	12/08	13:59	314 434 0080	EC--S	01'21"	004		OK
26	12/08	15:32	3539176	EC--S	01'49"	006		OK
27	12/08	15:35	3123539306	EC--S	01'55"	006		OK
28	12/08	15:38	8860747	EC--SR	02'08"	006/000		INC
29	12/08	15:41	7036039133	EC--S	01'48"	006		OK
30	12/08	15:44	9372355677	G3--S	03'35"	006		OK
31	12/08	15:49	312 353 1155	EC--S	01'51"	006		OK
32	12/08	15:53	2167861426	EC--S	01'05"	003		OK

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TOTAL PAGES

TOTAL TIME

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02	12/09	11:22	312-65-ACFAX	EC--S	01'10"	003		OK
03	12/09	11:24	7349460488	EC--S	00'43"	001		OK
04	12/09	11:34	314 434 0080	EC--S	00'23"	001		OK
05	12/09	12:45	847 671 6207	EC--S	00'33"	002		OK
06	12/09	14:09	708 755 1934	EC--S	04'49"	013		OK
07	12/09	14:15	17166840844--	---S	00'00"	000		STOP
08	12/09	14:23	7166850852	UF--S	00'38"	003		OK
09	12/09	14:44	9 1 248 344 2655	EC--S	00'50"	003		OK
10	12/09	14:49	616 940 4470	EC--S	01'41"	004		OK
11	12/09	14:56	716 684 0844	UF--S	00'14"	001		OK
12	12/09	14:57	314 434 0080	EC--S	00'58"	003		OK
13	12/09	15:14	440 243 6923	UF--SR	00'27"	002/000		INC
14	12/09	15:36	312 455 0812	G3--S	01'02"	001		OK
15	12/09	15:42	7349460488	EC--S	02'02"	004		OK
16	12/09	15:49	716 684 0844	UF--S	00'14"	001		OK
17	12/09	18:44	3128864071	EC--S	01'35"	003		OK
18	12/09	18:47	3136927677	EC--S	01'10"	003		OK
19	12/10	07:37	3539176	EC--S	01'55"	006		OK
20	12/10	08:46	7036039133	EC--S	00'33"	002		OK
21	12/10	08:47	3539176	EC--S	00'37"	002		OK
22	12/10	08:49	3123539306	EC--S	00'37"	002		OK
23	12/10	08:51	35351155	G3--S	00'22"	000		STOP
24	12/10	08:54	17083387897	G3--S	01'11"	002		OK
25	12/10	08:56	312 353 1155	EC--S	00'35"	002		OK
26	12/10	09:04	3539176	EC--S	00'37"	002		OK
27	12/10	09:07	18476716529	EC--S	00'42"	002		OK
28	12/10	09:08	1847671934500858	EC--S	00'51"	002		OK
29	12/10	09:10	708 338 7930	EC--S	00'34"	002		OK